

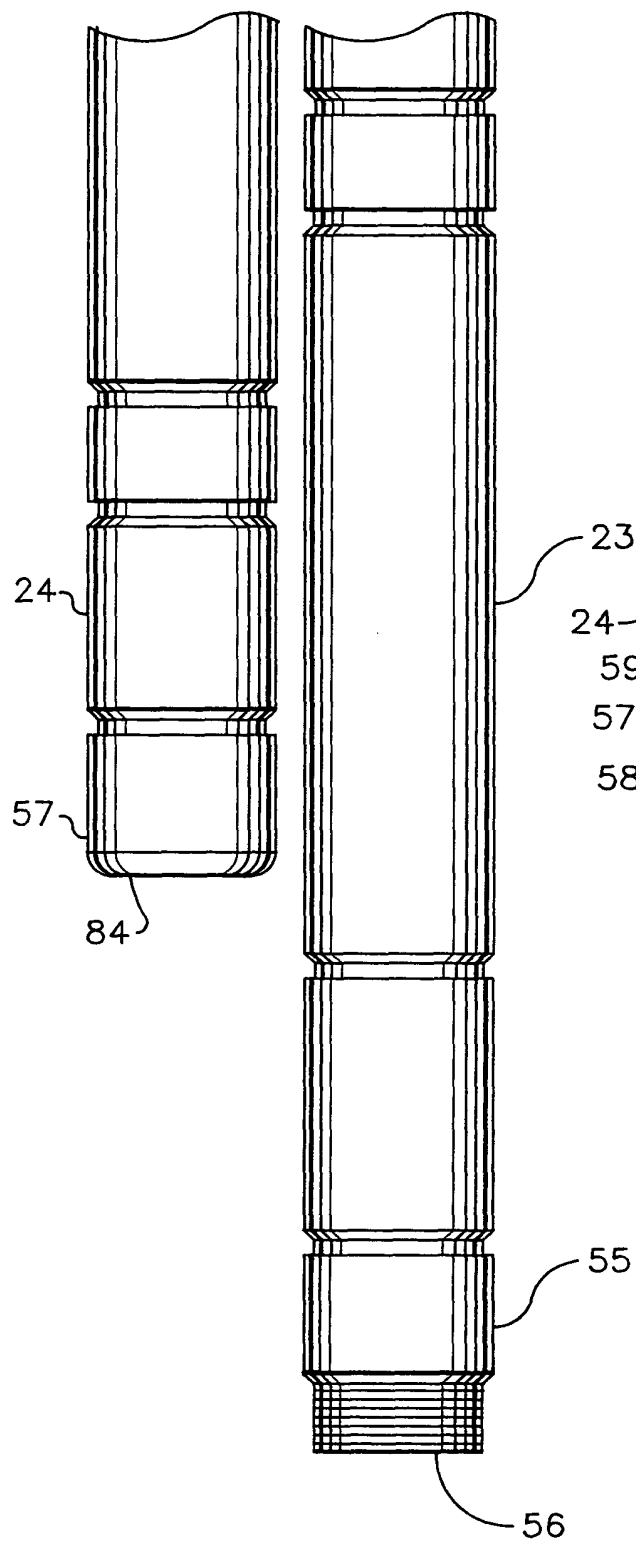
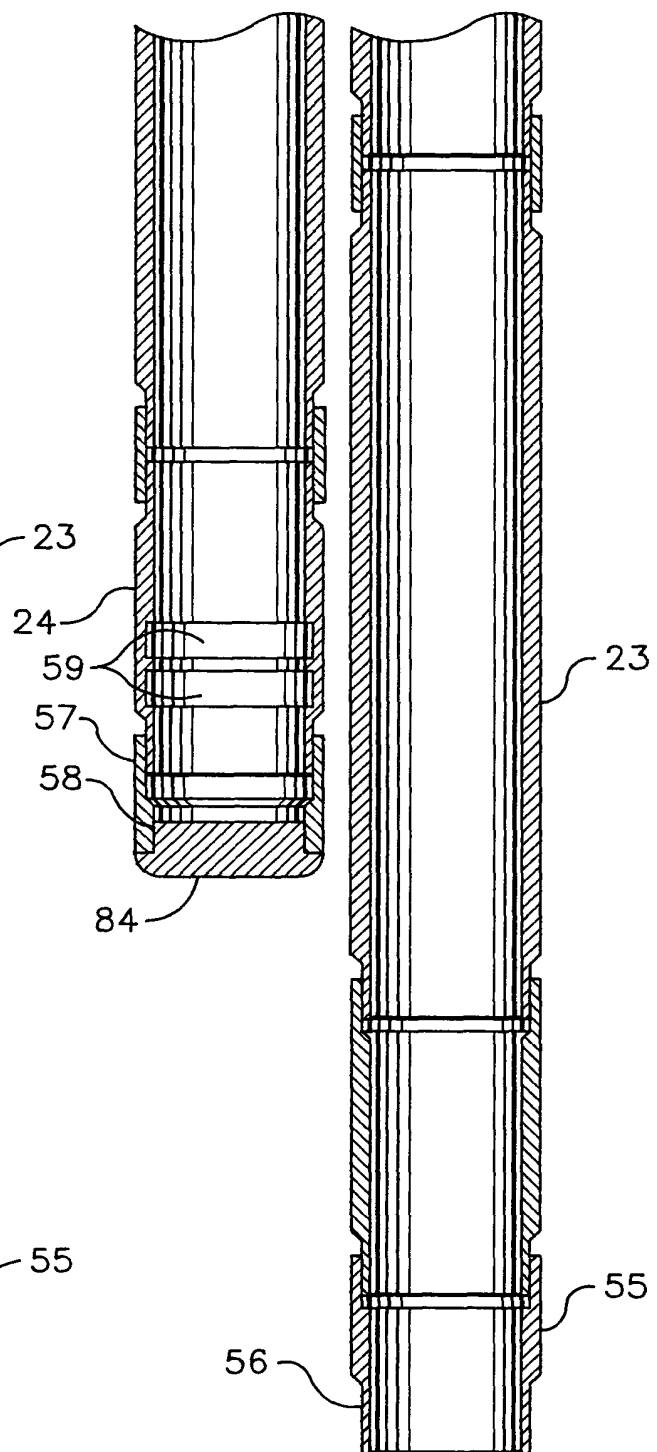
Fig. 1B*Fig. 5B*

Fig. 2

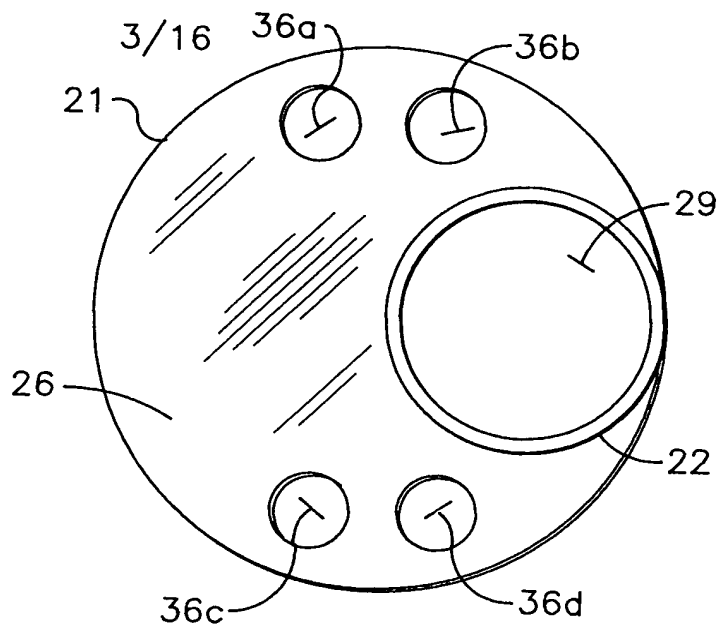


Fig. 3

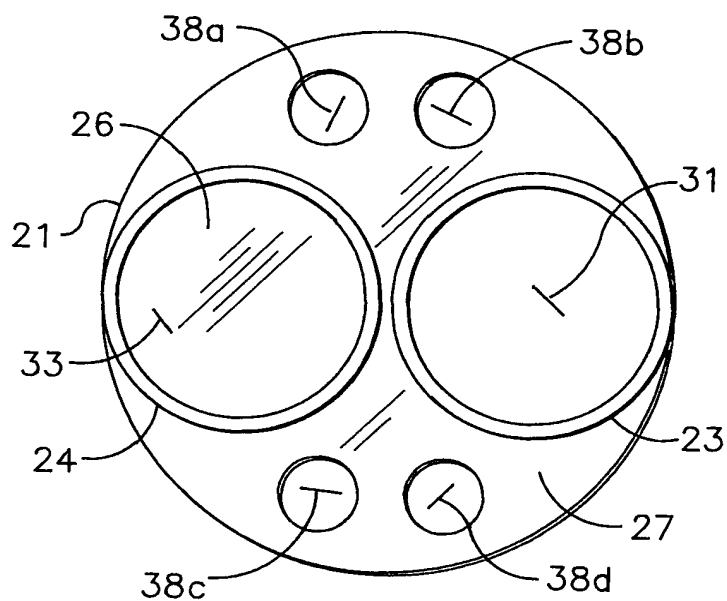


Fig. 4

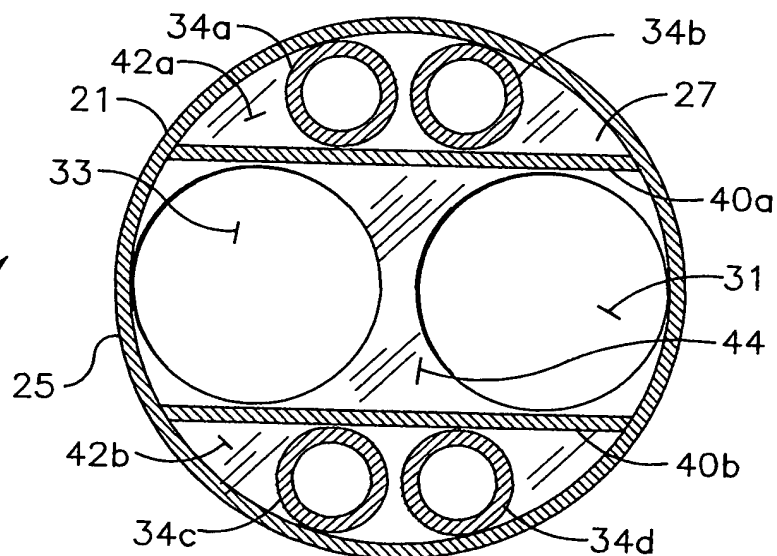


Fig. 6

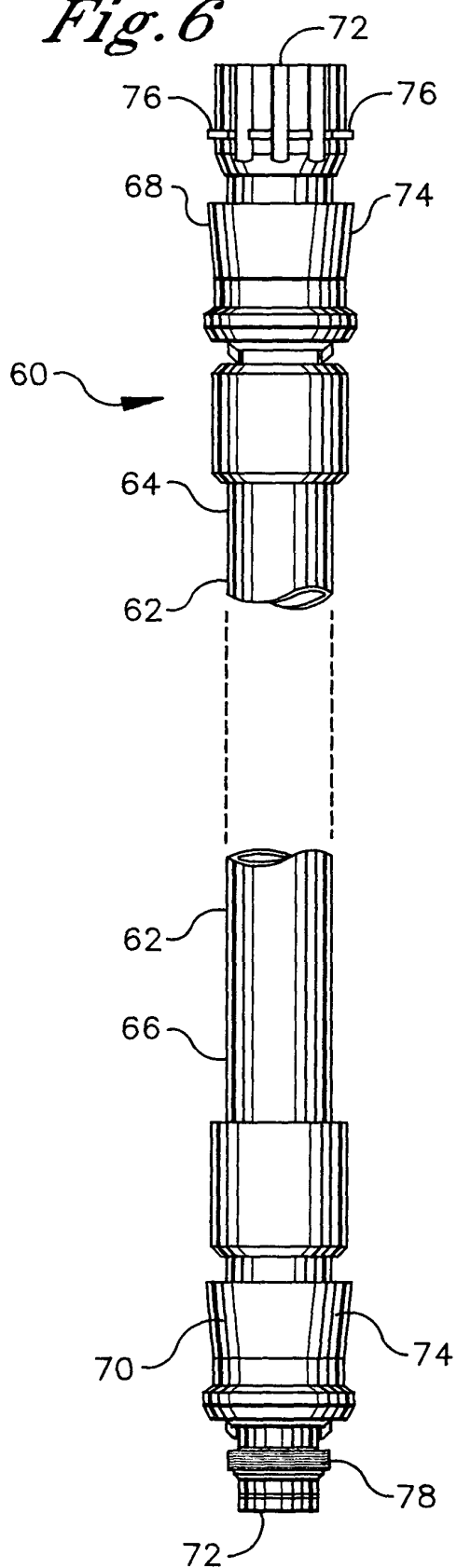
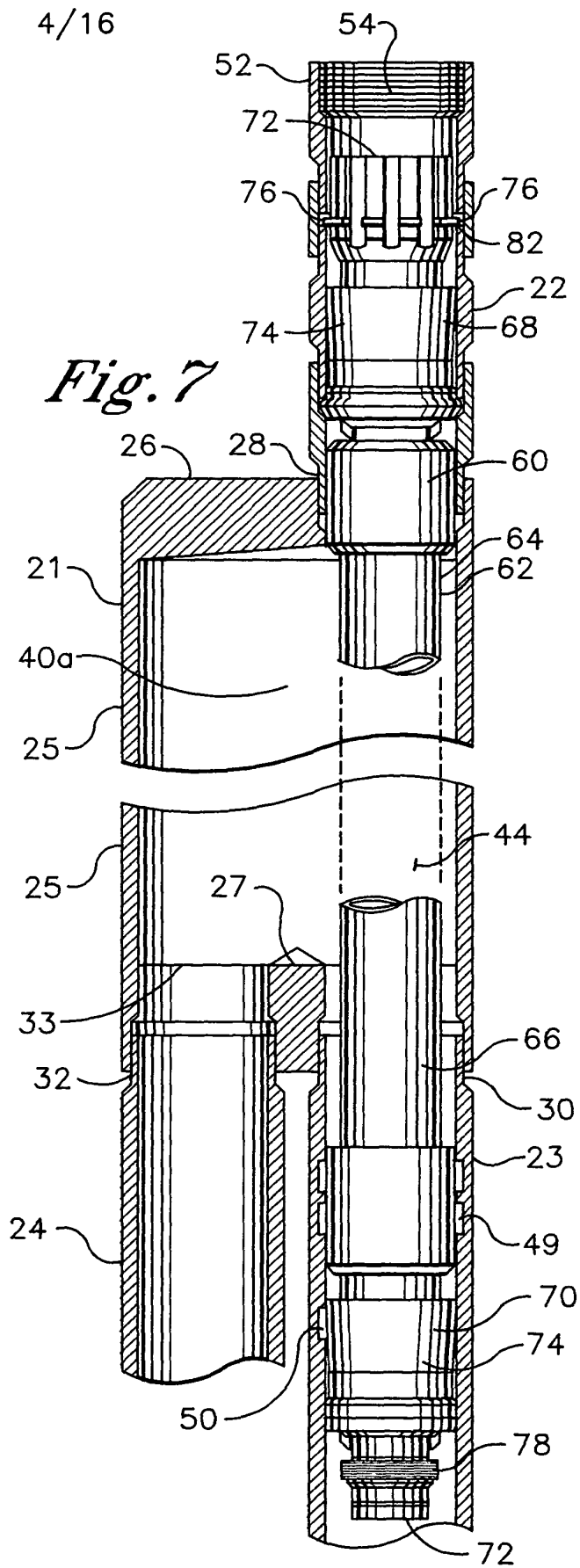
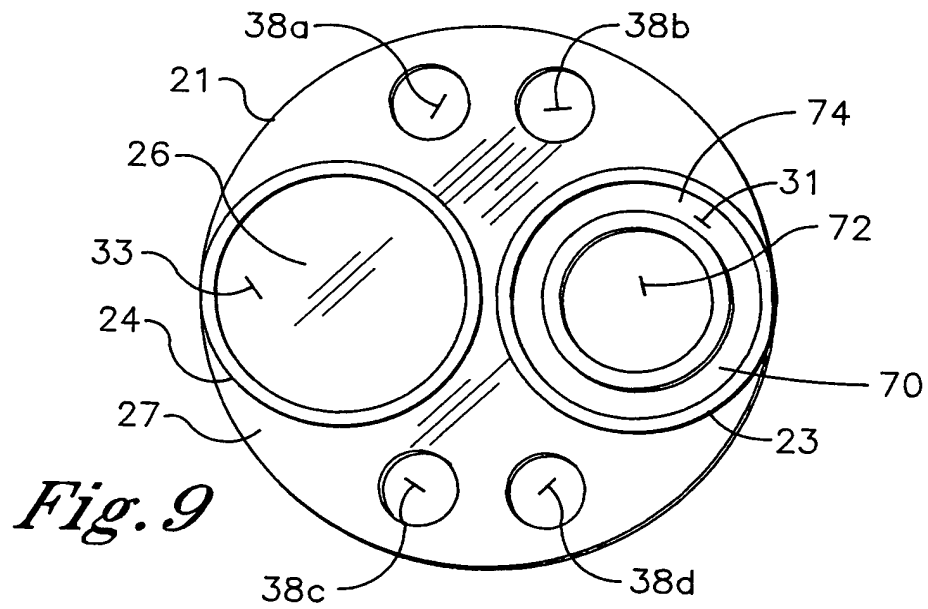
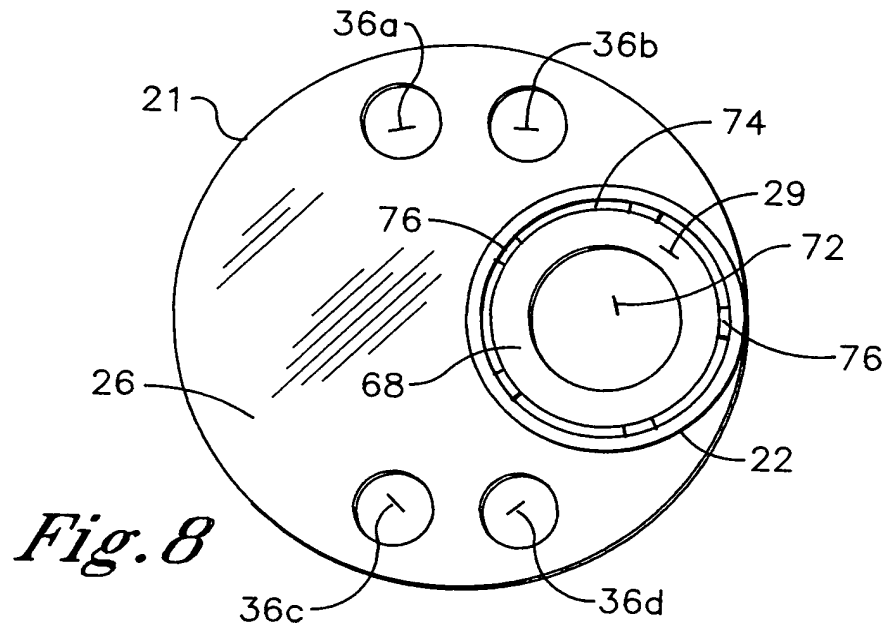


Fig. 7





6/16

Fig. 10

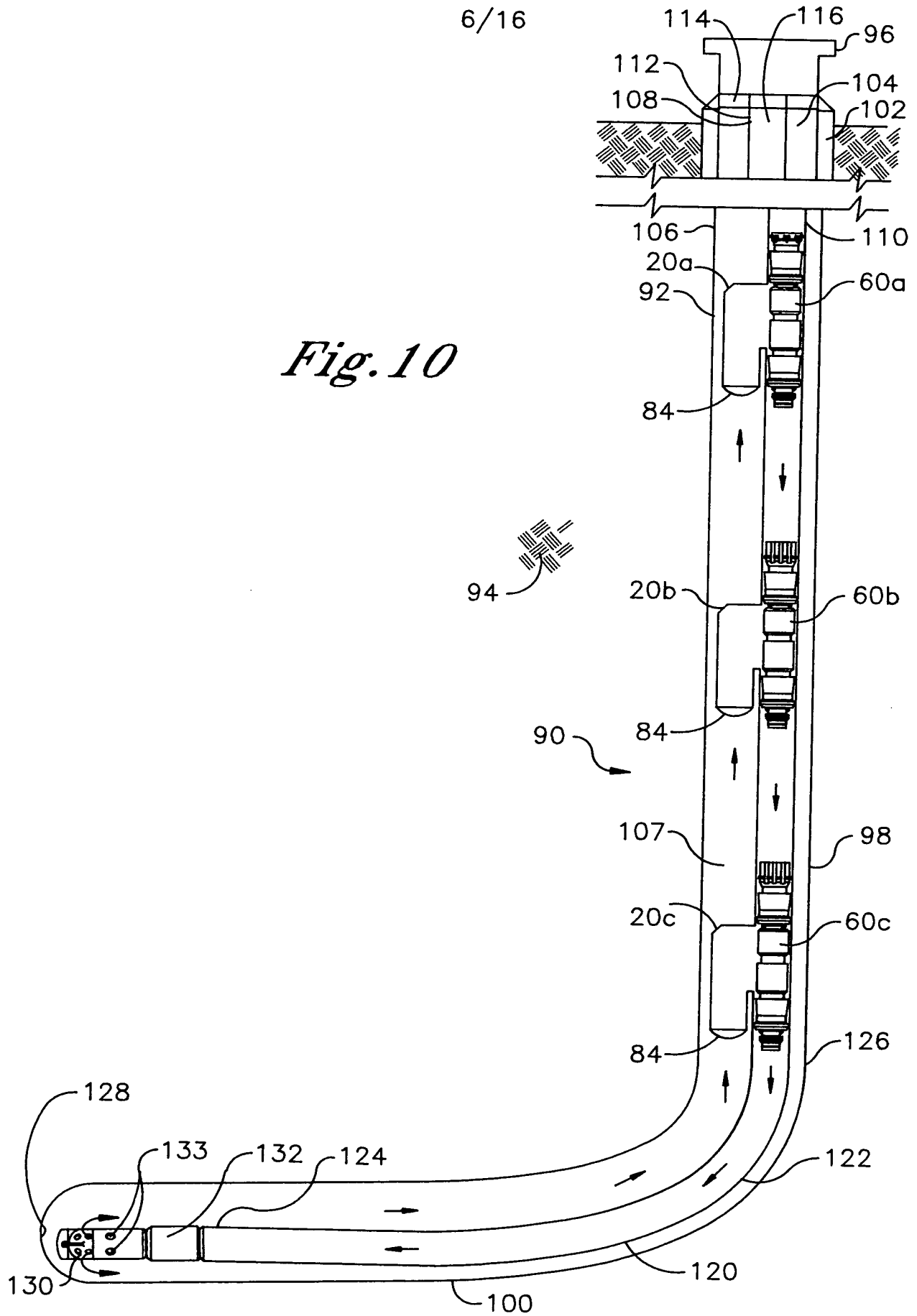


Fig. 11

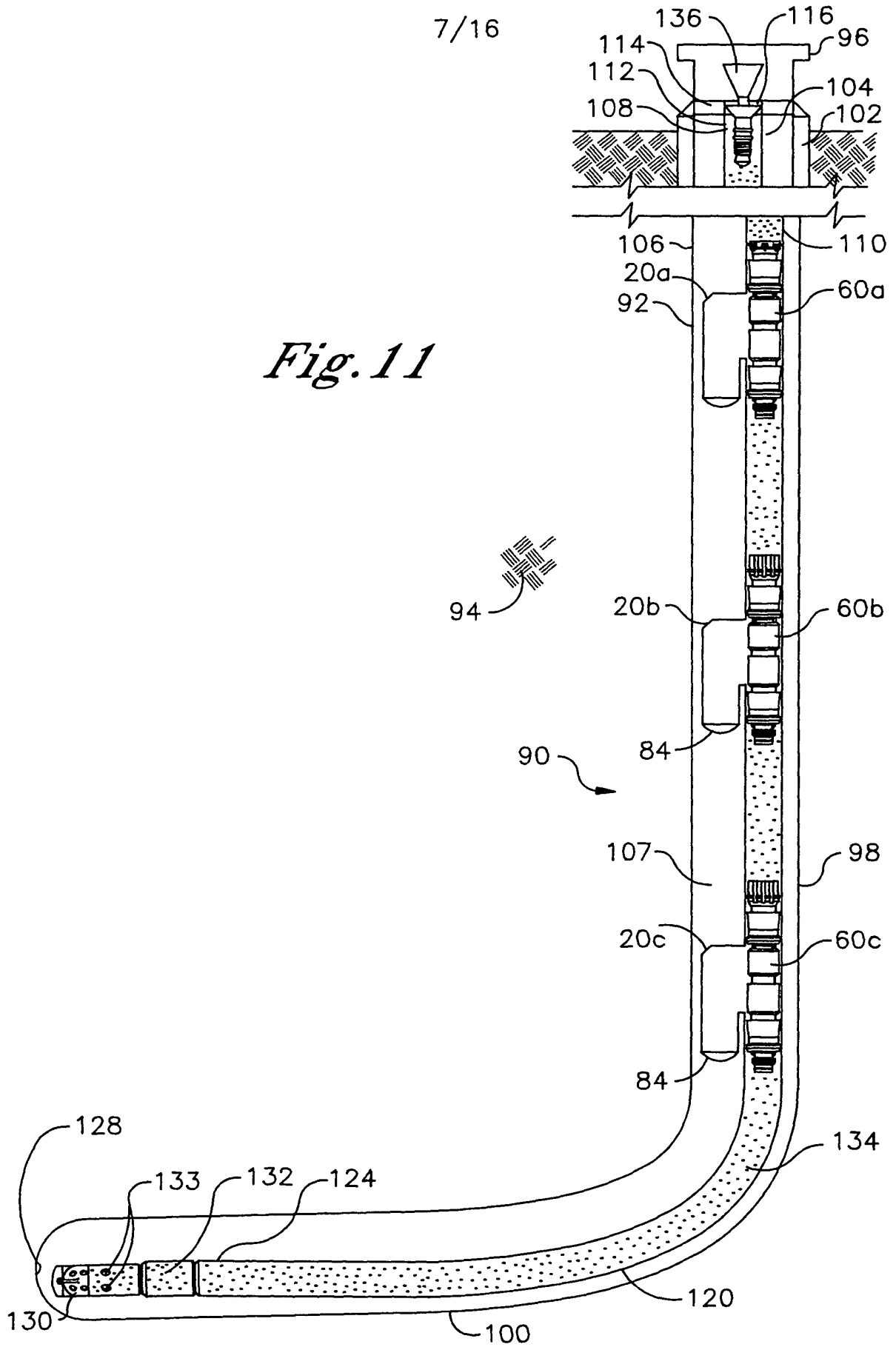


Fig. 12

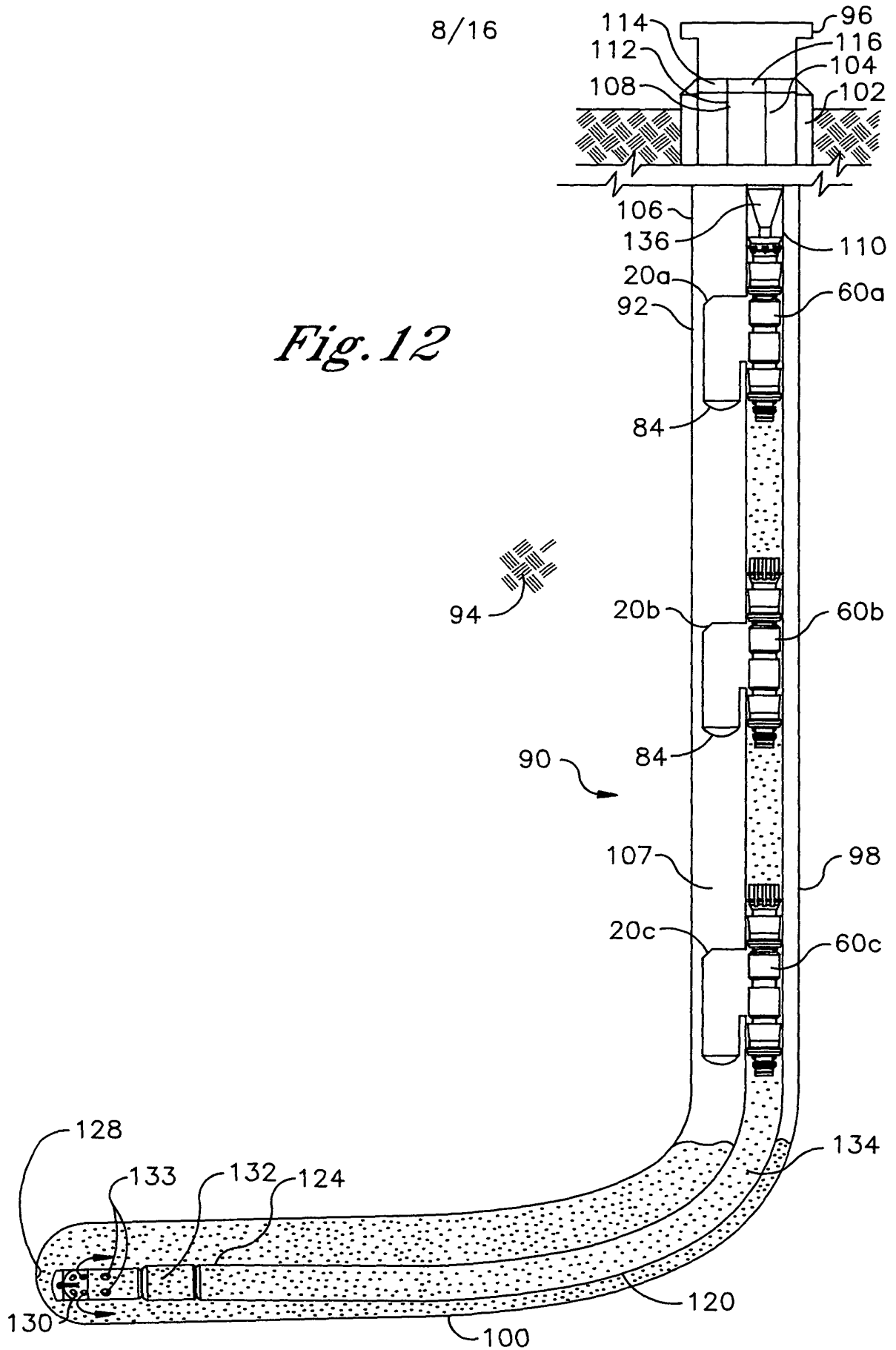
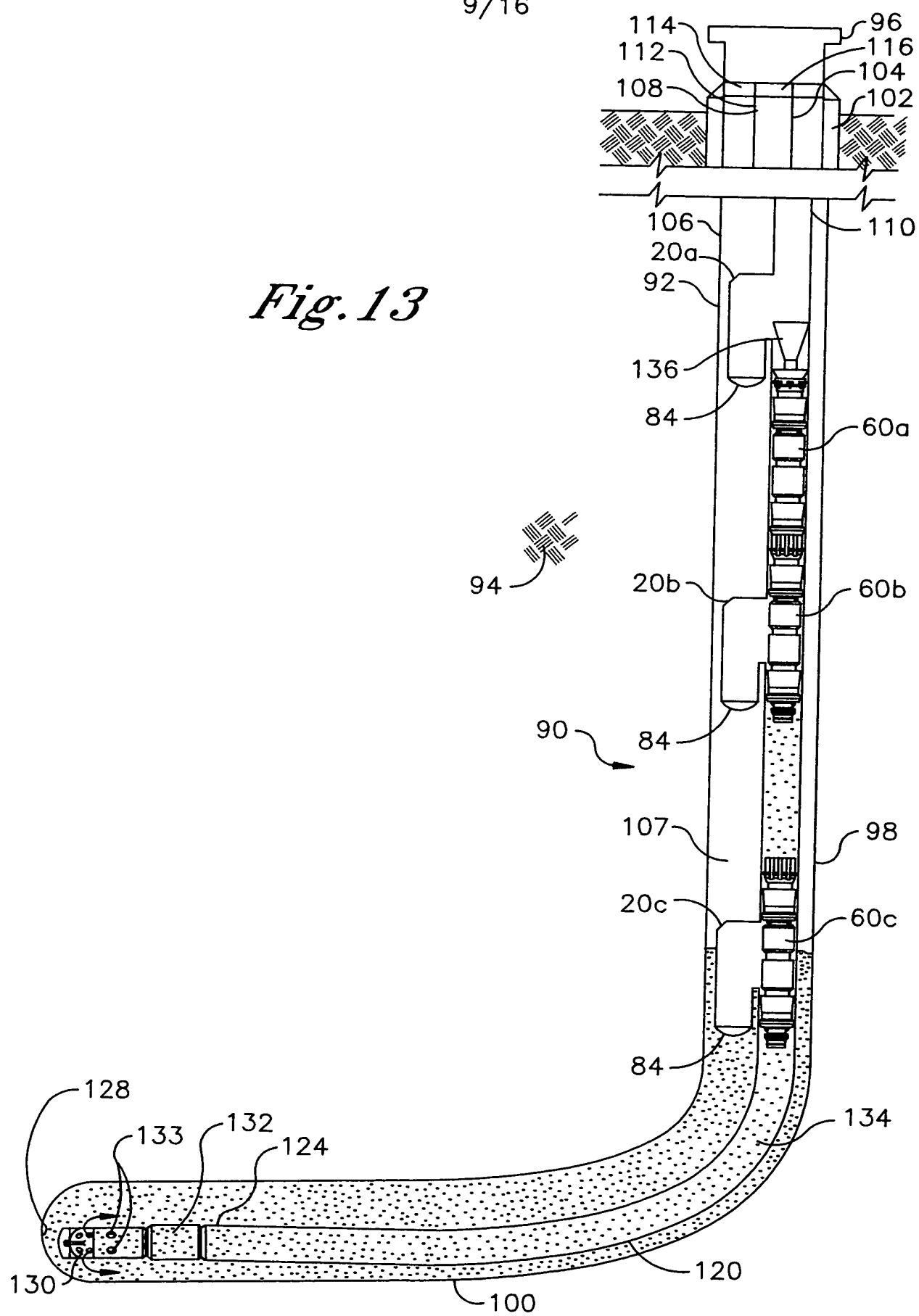


Fig. 13



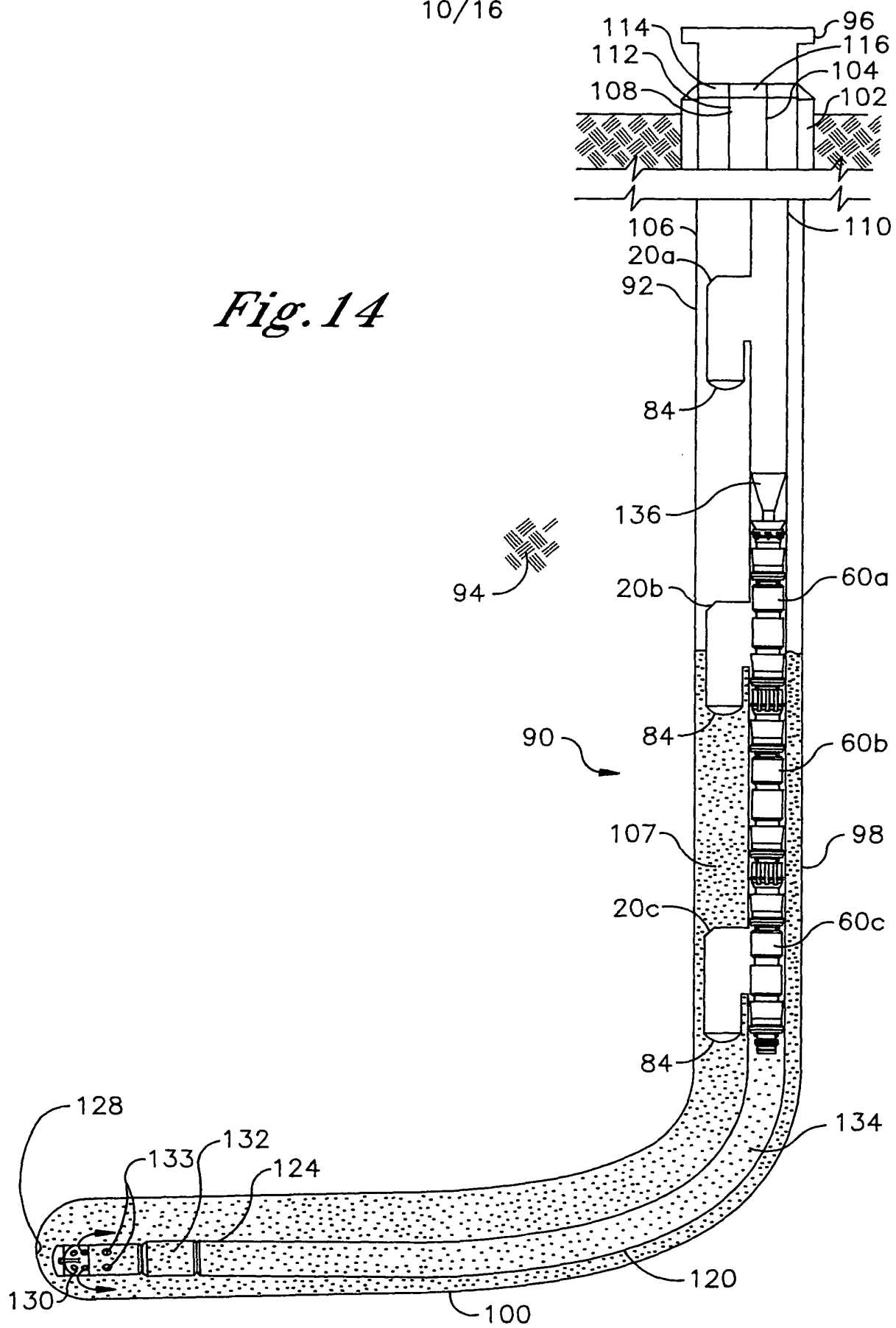
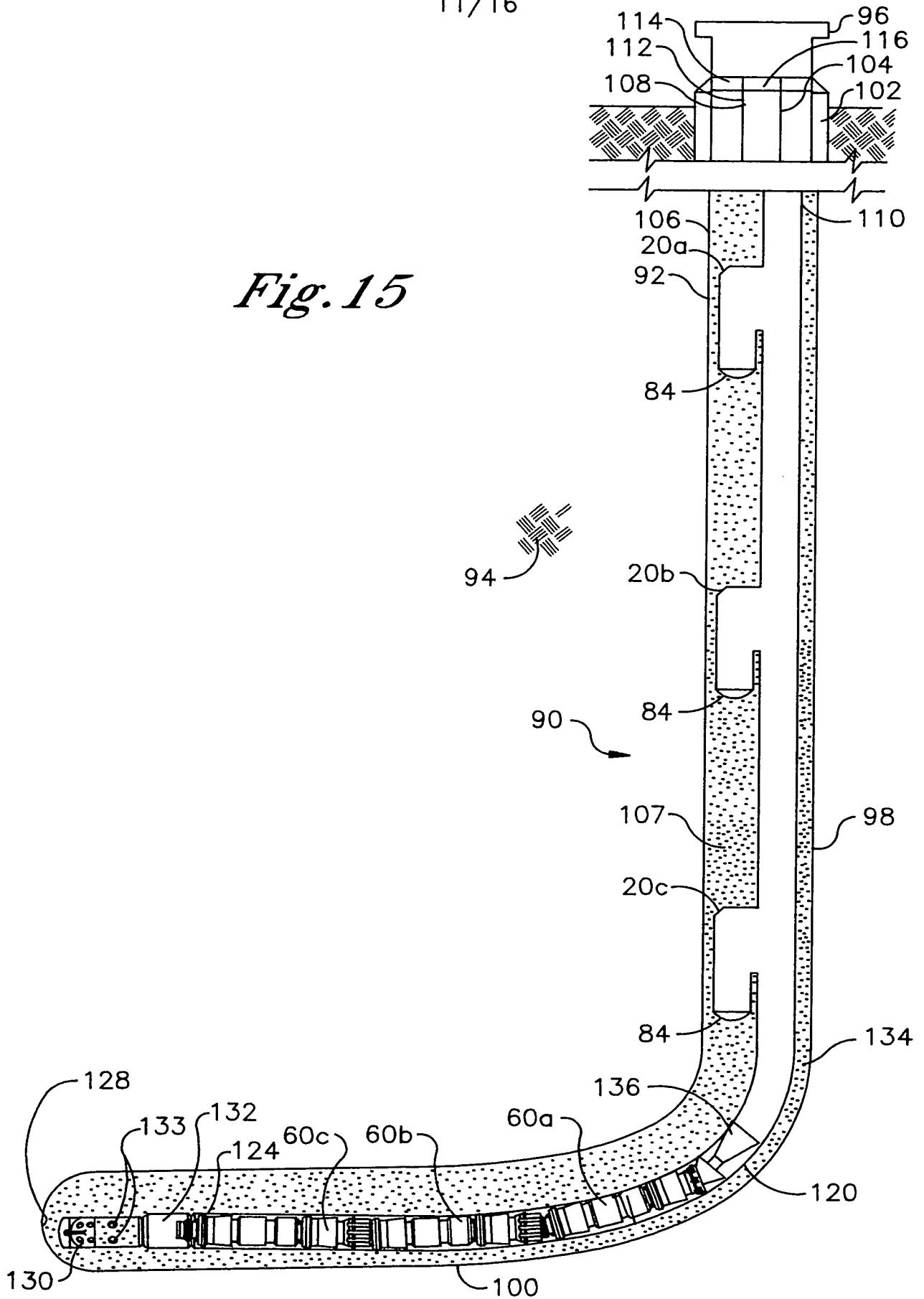


Fig. 15

12/16

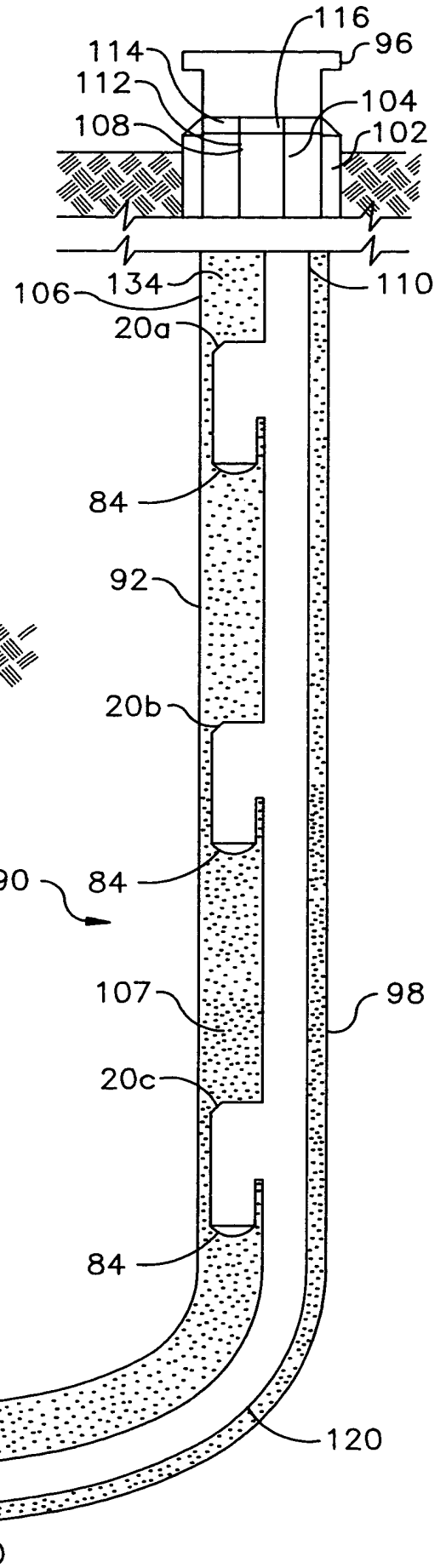


Fig. 16

Fig. 17

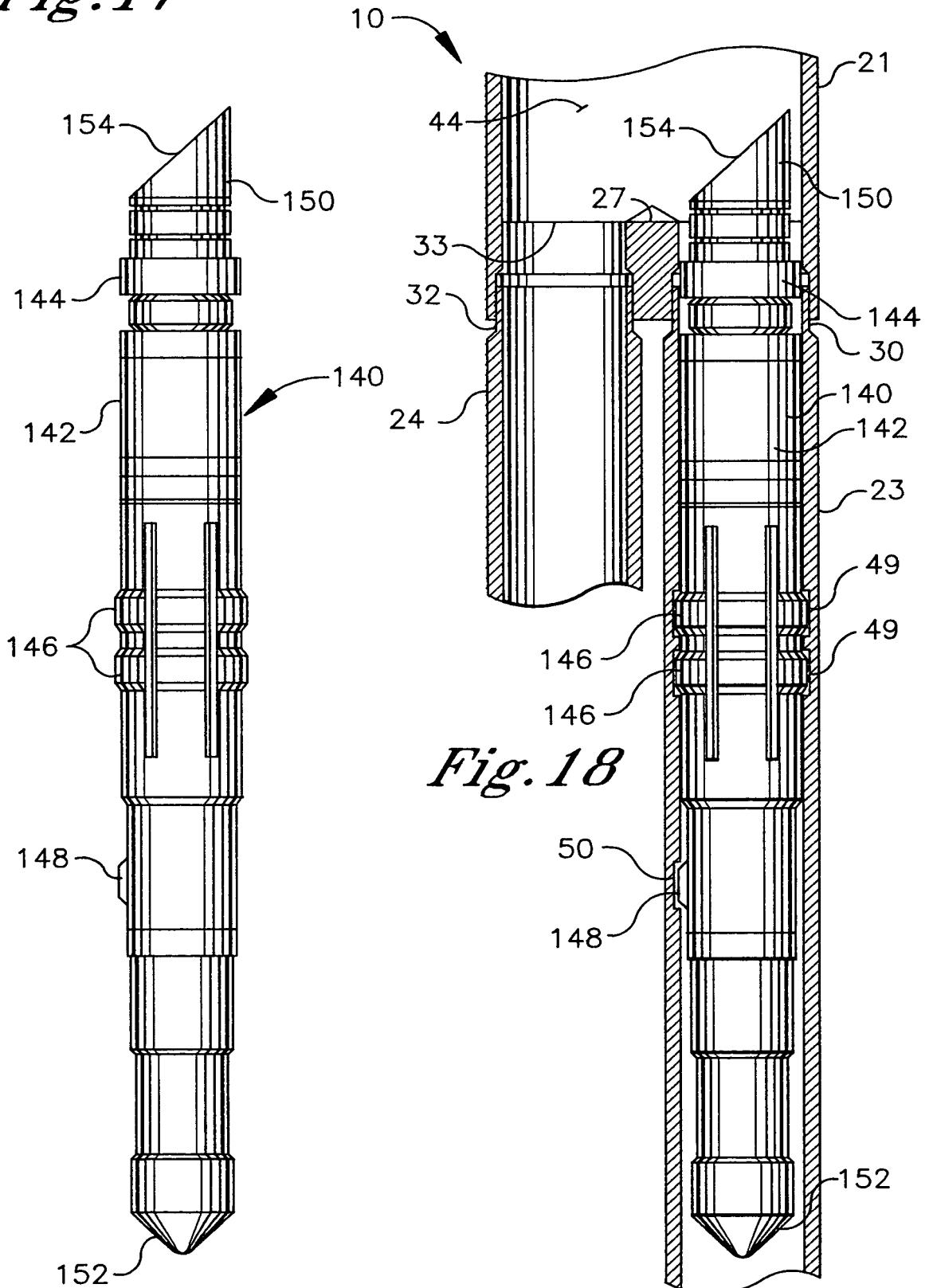


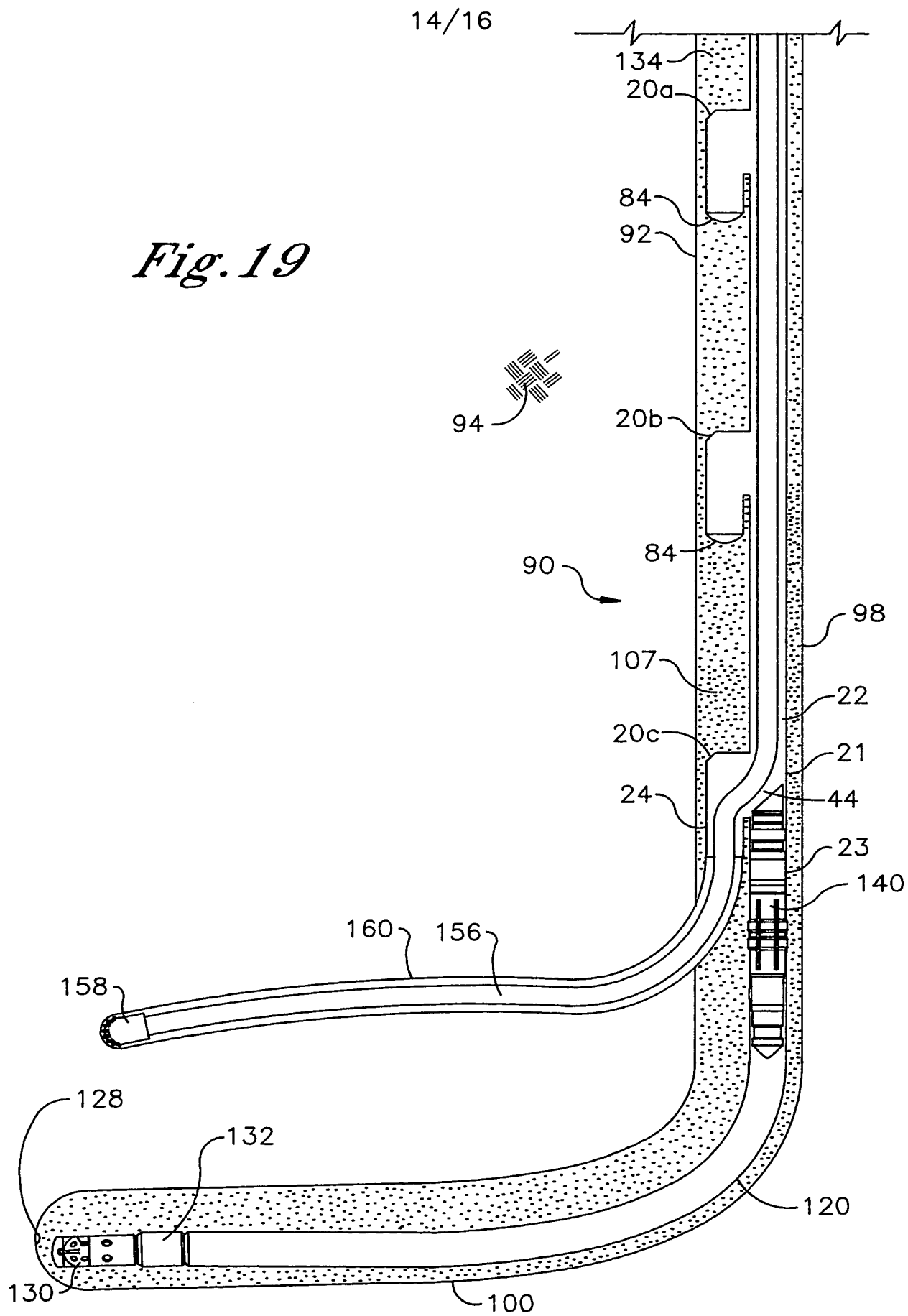
Fig. 19

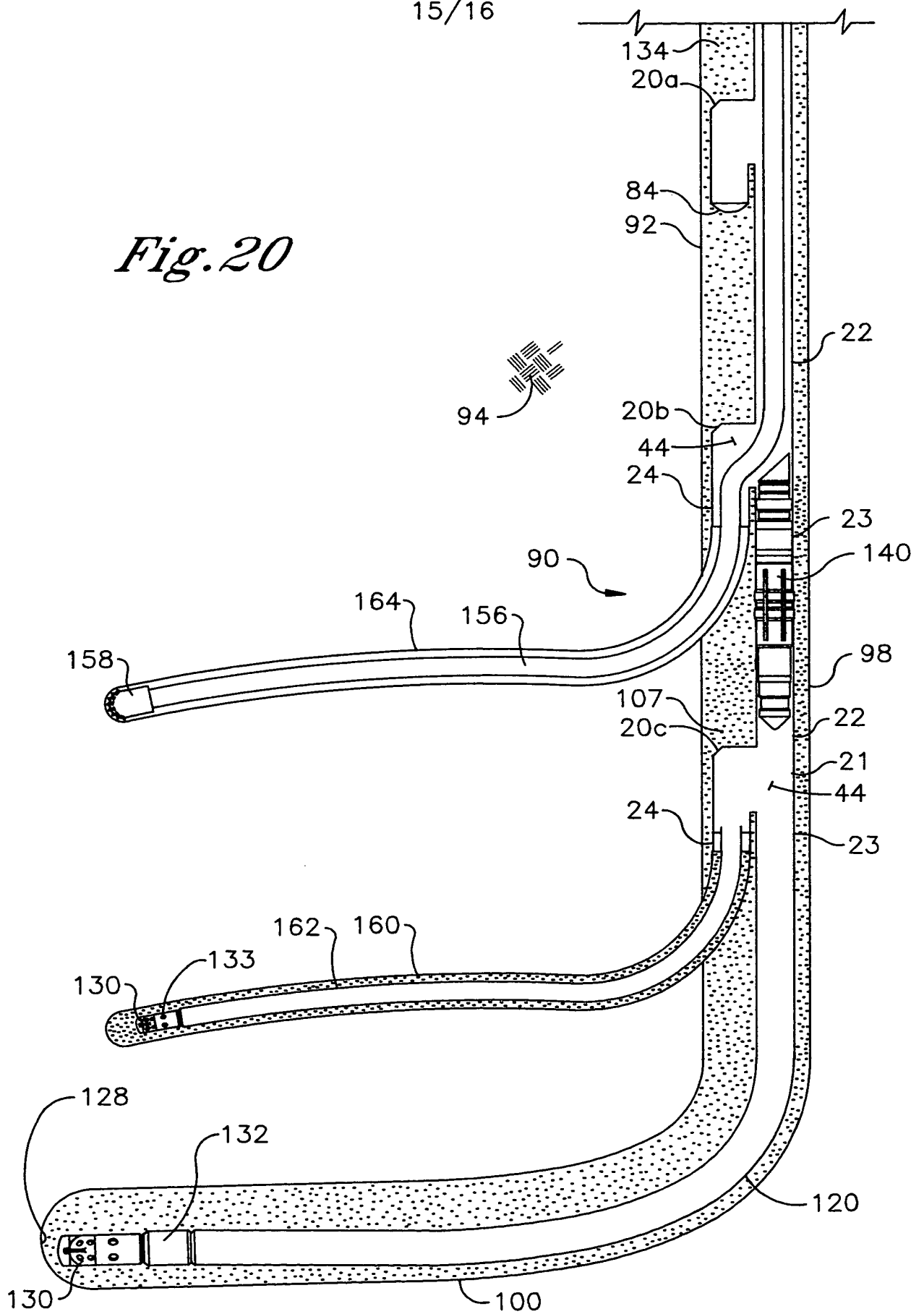
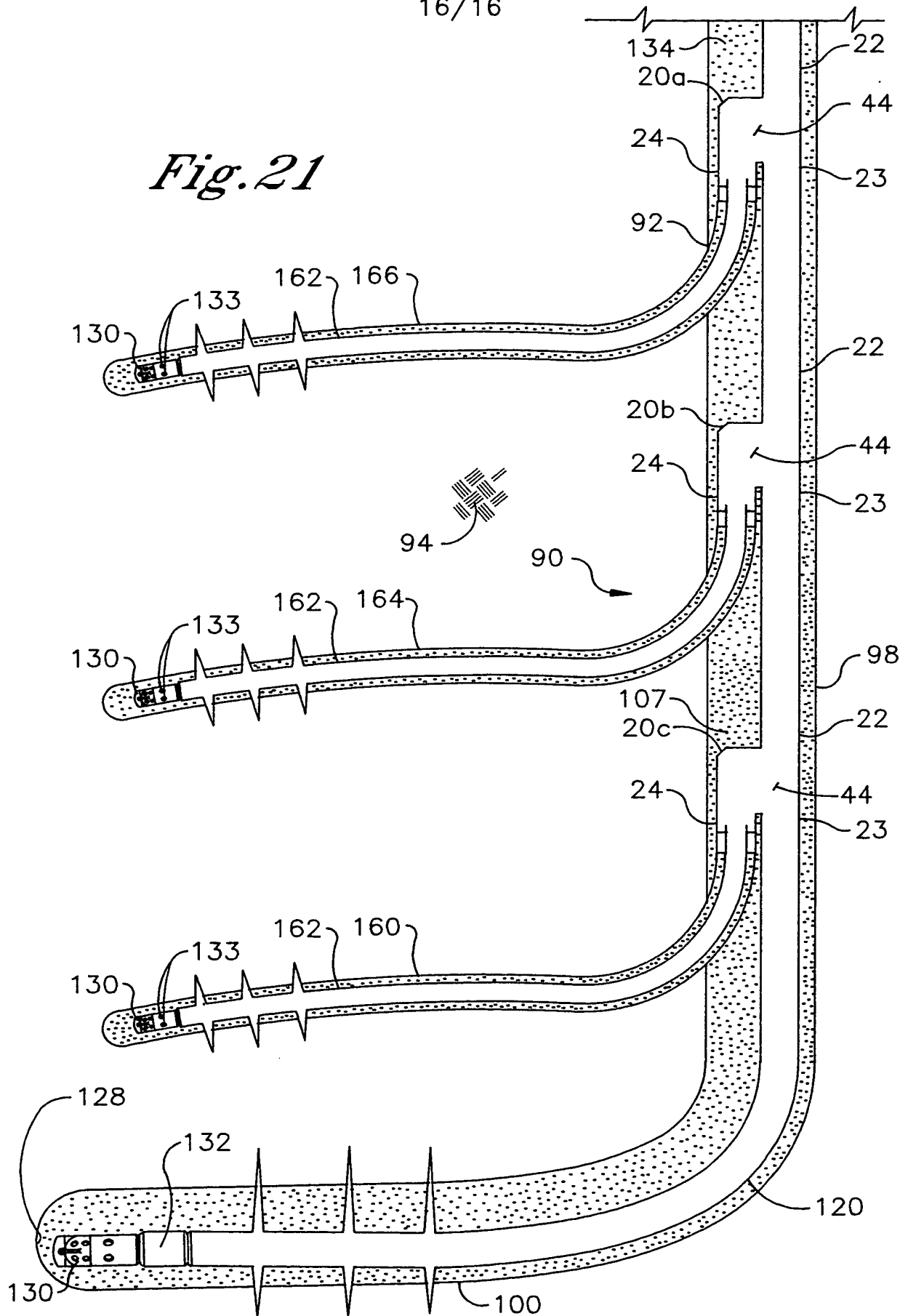
Fig. 20

Fig. 21

GLOSSARY OF DRAWING TERMS
Attney Docket No. 990019 D01

20 template
21 body
22 inlet leg
23 main outlet leg
24 offset outlet leg
25 cylindrical side wall of body
26 proximal plate of body
27 distal plate of body
28 distal end of inlet leg
29 inlet opening

30 proximal end of main outlet leg
31 main outlet opening
32 proximal end of offset outlet leg
33 offset outlet opening
34a,b,c,d by-pass tubes
36a,b,c,d proximal by-pass openings
38a,b,c,d distal by-pass openings

40a, 40b retention plates
42a, 42b by-pass chambers
44 primary chamber
49 circular grooves

50 longitudinal slot
52 proximal end of inlet leg
54 internal threads of inlet leg
55 distal end of main outlet leg
56 external threads of main outlet leg
57 distal end of offset outlet leg
58 internal threads of offset outlet leg
59 circular grooves

60 straddle assembly
62 tube
64 proximal end of tube
66 distal end of tube
68 proximal seal

70 distal seal
72 central aperture
74 gasket
76 retention pins
78 external thread of distal seal

82 internal shoulder

84 plug

90 downhole template system

92 well bore

94 earthen material

96 well head

98 resident portion

100 distal portion of well bore

102 casing

104 proximal portion of well bore

106 proximal end of resident portion

107 annulus

108 riser

110 distal end of riser

112 proximal end of riser

114 collar

116 central opening

120 distal extension tube

122 proximal end of extension tube

124 distal end of extension tube

126 distal end of resident portion

128 bottom of well bore

130 set shoe

132 landing collar

133 ports

134 cement

136 pump-down plug

140 diverter

142 mandrel

144 packer

146 locking ring

148 lug

150 proximal end of mandrel

152 distal end of mandrel

154 slanted face

156 drill string

158 drill bit

160 first offset well bore

162 tubing

164 second offset well bore

166 third offset well bore